

LITTLE COLORADO RIVER BASIN

09401210 SLATE MOUNTAIN WASH NEAR FLAGSTAFF, AZ

LOCATION.--Lat 35°30'55", long 111°50'55", in SW¹/₄ sec.26, T.25 N., R.5 E., Coconino County, at U.S. Highway 180, 24 mi northwest of Flagstaff.

DRAINAGE AREA.--5.43 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1962	00-00-62	77		1969	08-00-69	1.0	LT
1963	00-00-63	0		1970	00-00-70	13	
1964	00-00-64	0		1971	00-00-71	0	
1965	10-00-64	5.0		1972	06-06-72	40	
1966	12-31-65	37		1973	04-00-73	88	
1967	00-00-67	66		1974	00-00-74	0	
1968	00-00-68	0		1975	00-00-75	0	

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50	100
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---			
Mean	(logs) =	---			
Standard dev.	(logs) =	---			

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
46.4	9.8	7,350	60.0	3.0	19.7	2.1	3.8

